

Name: _____

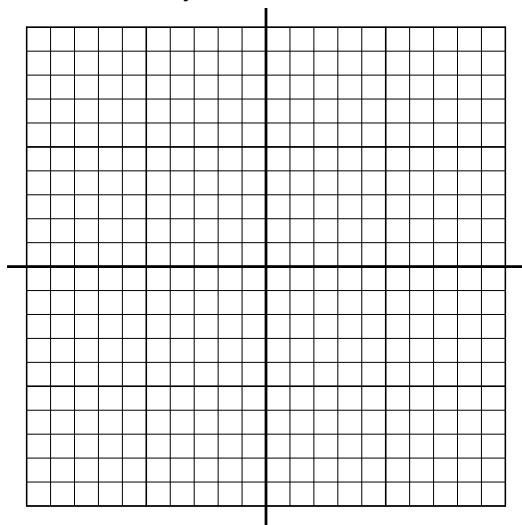
Date: _____

PCW__09__29: Graph Parent Translations (version 20)

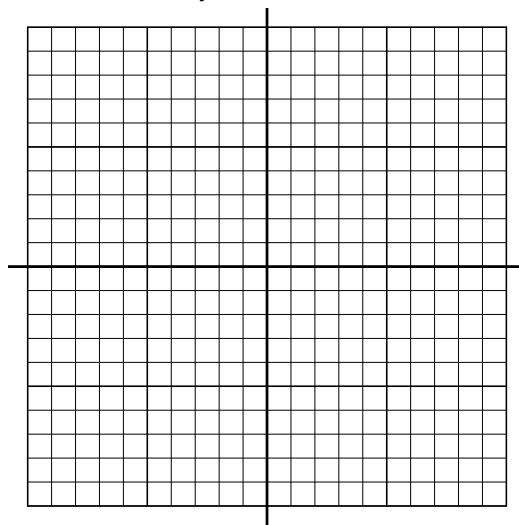
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

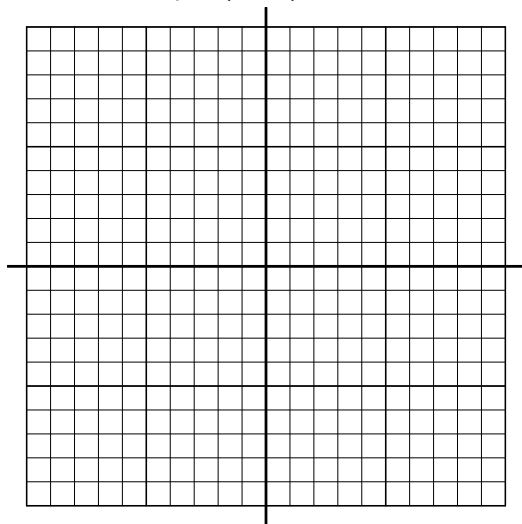
$$y = \sqrt[3]{x-5} - 3$$



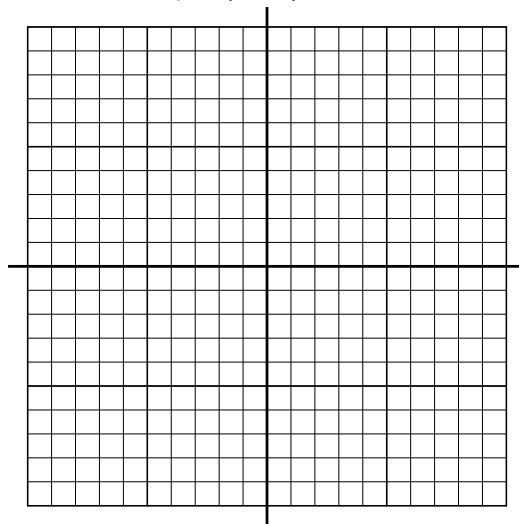
$$y = 2^{x-3} - 1$$



$$y = (x+2)^3 - 3$$

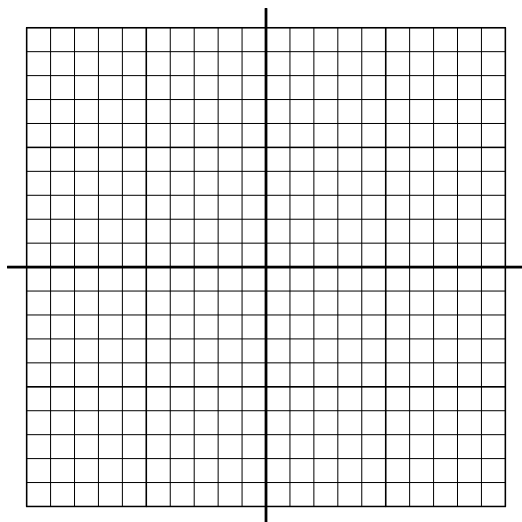


$$y = (x-5)^2 + 1$$

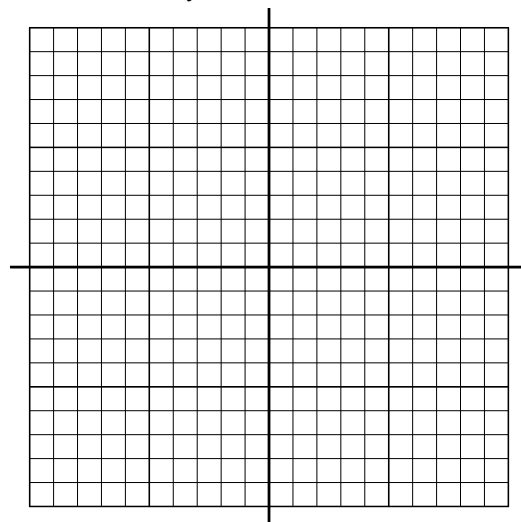


PCW_09_29: Graph Parent Translations (version 20)

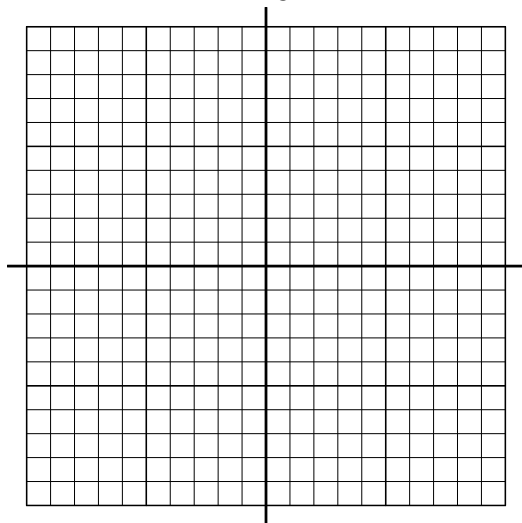
$$y = |x - 4| - 2$$



$$y = \sqrt{x - 5} + 2$$



$$y = \frac{1}{x - 5} + 2$$



$$y = \log_2(x - 5) - 4$$

